

# Material Test Report



Geotechnics | Environment | Groundwater

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Accredited for compliance with ISO/IEC 17025 - Testing



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NATA Accredited Laboratory Number: 828

**Report Number:** 681704.00-7  
**Issue Number:** 1  
**Date Issued:** 22/07/2020  
**Client:** Roberts Bros Pty Ltd  
 123 Cooroy Belli Creek Road, Cooroy 4563  
**Contact:** David Roberts  
**Project Number:** 681704.00  
**Project Name:** Proposed Subdivision  
**Project Location:** Greendale, Stage 4, Pie Creek  
**Work Request:** 9868  
**Date Sampled:** 14/07/2020  
**Dates Tested:** 14/07/2020 - 21/07/2020  
**Sampling Method:** AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted  
**Specification:** Minimum 95% Standard Hilf Density Ratio  
**Lot Number:** 114  
**Material Source:** Onsite

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-9868A	SS-9868B	
Date Tested	14/07/2020	14/07/2020	
Time Tested	10:35	10:40	
Test Request #/Location	Lot 114	Lot 114	
Easting	461994	461986	
Northing	7096674	7090677	
Elevation (m)	F.L.	0.5 < F.L.	
Soil Description	Sandy Clay	Sandy Clay	
Test Depth (mm)	150	150	
Sieve used to determine oversize (mm)	19.0	19.0	
Percentage of Wet Oversize (%)	0.0	0.0	
Field Wet Density (FWD) t/m <sup>3</sup>	1.92	1.96	
Field Dry Density (FDD) t/m <sup>3</sup>	**	**	
Peak Converted Wet Density t/m <sup>3</sup>	2.01	2.00	
Adjusted Peak Converted Wet Density t/m <sup>3</sup>	**	**	
Moisture Variation (Wv) %	3.5	2.0	
Adjusted Moisture Variation %	**	**	
Hilf Density Ratio (%)	<b>95.5</b>	<b>98.0</b>	
Compaction Method	<b>Standard</b>	<b>Standard</b>	

**Moisture Variation Note:**

Positive values = test is dry of OMC  
 Negative values = test is wet of OMC